

Converting Colors

YIQ(218.0870, 12.3360,
-14.3200)

Have a look what the booklet for
YIQ(218.0870, 12.3360, -14.3200)
contains.

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Color

**YIQ(218.0870, 12.3360,
-14.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE0B4
RGB	221, 224, 180
RGB Percent	87%, 88%, 71%
CMY	0.1334, 0.1215, 0.2940
CMYK	0.01, 0.00, 0.20, 0.12
HSL	64°, 41%, 79%
HSV	64°, 20%, 88%
XYZ	64.7125, 71.9788, 53.6739
YIQ	218.0870, 12.3360, -14.3200

Conversions

Conversions Part 2

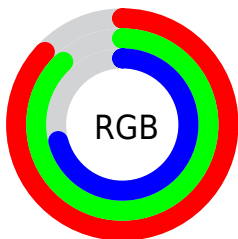
Format	Color
RYB	180, 224, 183
Decimal	14540980
CIELab	87.96, -8.23, 21.25
CIELCh	88, 22.787, 111.176
Yxy	71.9788, 0.3399, 0.3781
Android (android.graphics.Color)	4292731060 (0xFFDDE0B4)
YUV	218.0870, -18.7769, 2.5547
Hunter-Lab	84.8403, -12.3187, 21.8786

Details

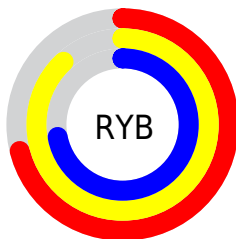
The YIQ color $218.0870, 12.3360, -14.3200$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $185.9130, -12.3360, 14.3200$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, 6.0990, -5.9090$, and $163.3150, 11.6940, -13.6980$ is the 20% darker color. If you saturate the color by 10%, you get $214.9810, 18.2060, -21.5860$, and if you desaturate by 10%, it is $221.1930, 6.4660, -7.0540$.

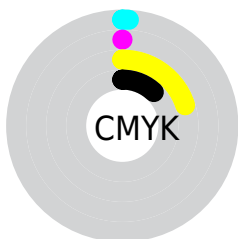
Distribution



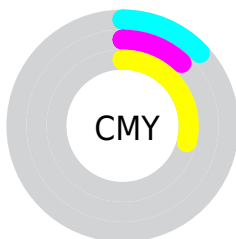
- Red (87%)
- Green (88%)
- Blue (71%)



- Red (71%)
- Yellow (88%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.0870, 12.3360, -14.3200 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 218.0870, 12.3360, -14.3200 by changing the saturation by 10% instead.

■ 218.0870, 12.3360,
-14.3200

■ 218.0870, 12.3360,
-14.3200

255.0000, -0.0000,
-0.0000

■ 190.2010, 12.0150,
-14.0090

■ 252.8340, 6.0990,
-5.9090

■ 163.3150, 11.6940,
-13.6980

■ 136.5430, 11.0520,
-13.0760

■ 111.3580, 10.1350,
-12.9770

■ 86.4720, 9.8140,
-12.6660

■ 63.2870, 8.8970,
-12.5670

■ 41.2870, 8.8970,

-12.5670

■ 21.2420, 4.7700,
-9.3580

■ 0.0000, 0.0000,
0.0000

■ 218.0870, 12.3360,
-14.3200

■ 218.0870, 12.3360,
-14.3200

■ 214.9810, 18.2060,
-21.5860

■ 221.1930, 6.4660,
-7.0540

■ 212.0600, 24.9930,
-28.9510

■ 224.1140, -0.3210,
0.3110

■ 208.9540, 30.8630,
-36.2170

■ 227.2200, -6.1910,
7.5770

■ 206.0330, 37.6500,
-43.5820

■ 228.4310, -8.1630,
10.2770

■ 202.9270, 43.5200,
-50.8480

■ 229.0290, -6.9710,
10.7010

■ 200.1200, 49.9860,
-57.9020

■ 229.3280, -6.3750,
10.9130

■ 196.9000, 56.1770,
-65.4790

■ 229.9260, -5.1830,
11.3370

■ 194.0930, 62.6430,
-72.5330

■ 230.2250, -4.5870,
11.5490

■ 193.9790, 62.9640,
-72.8440

■ 230.8230, -3.3950,
11.9730

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.6270, 28.6110, -6.4050



218.0870, 12.3360, -14.3200



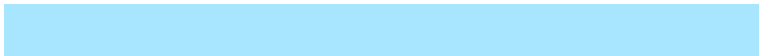
215.6160, -8.3870, -18.7150

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218.0870, 12.3360, -14.3200



213.8990, -45.2520, -5.8920



223.1590, 22.1420, 17.2300

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



218.0870, 12.3360, -14.3200



185.9130, -12.3360, 14.3200

Split Complementary

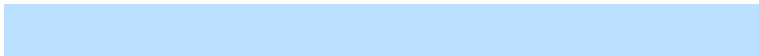
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.1990, 7.4700, 18.8140



218.0870, 12.3360, -14.3200



216.7700, -31.4070, 2.0090

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.0870, 12.3360, -14.3200



211.9990, -42.9580, -14.4300



221.0330, -12.7940, 11.6060



220.6510, 29.2040, 10.3880

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.0870, 12.3360, -14.3200



213.7870, -22.0500, -18.8980



221.0330, -12.7940, 11.6060



224.5440, 19.6200, 18.8840

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



218.0870, 12.3360, -14.3200



252.9910, 4.2190, -4.8770



194.9170, 25.3990, 7.7590



126.6750, 2.2930, -3.0110



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.0870, 12.3360, -14.3200



246.8500, 17.1970, -19.8190



211.5090, -0.7760, -18.9840



110.4470, 2.9350, -3.6330



152.3480, 49.3440, -57.2800



41.6310, 13.6200, -15.5640

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



185.9130, -12.3360, 14.3200



202.1500, -17.1970, 19.8190



192.4910, 0.7760, 18.9840



102.5530, -2.9350, 3.6330



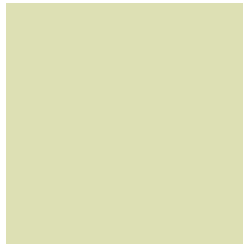
23.6520, -49.3440, 57.2800



6.3690, -13.6200, 15.5640

Previews

White Background



This preview shows how the YIQ color 218.0870, 12.3360, -14.3200 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 218.0870, 12.3360, -14.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

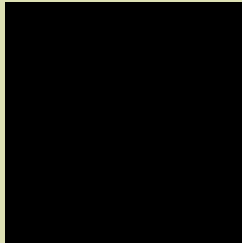
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

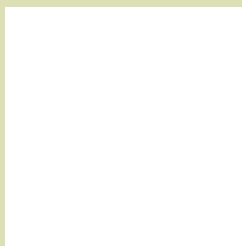
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 218.0870, 12.3360, -14.3200

Background



This preview shows how black text looks on a background with the YIQ color 218.0870, 12.3360, -14.3200.



This preview shows how white text looks on a background with the YIQ color 218.0870, 12.3360,

-14.3200.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

218.0870, 12.3360, -14.3200

Protanopia

219.3980, 21.8260, -10.0940

Deuteranopia

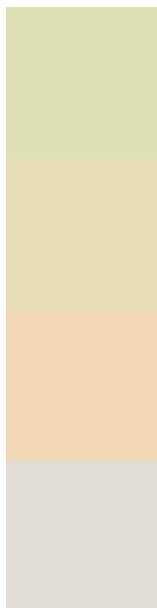
221.4370, 35.2580, -0.2140



Tritanopia

222.2270, 1.0990, 7.6190

Trichromacy



Original Color

218.0870, 12.3360, -14.3200

Protanomaly

218.6040, 18.2500, -11.3660

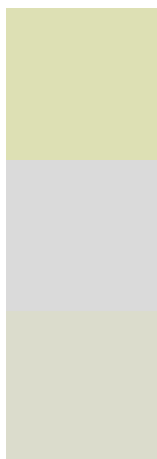
Deuteranomaly

220.0830, 27.3270, -5.1610

Tritanomaly

220.8110, 4.9060, -0.8060

Monochromacy



Original Color

218.0870, 12.3360, -14.3200

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.8770, 4.5400, -5.1880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.0870, 12.3360, -14.3200 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(221, 224, 180)` looks like.

```
.text, #text, p{  
    color:rgb(221, 224, 180)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(221, 224, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 224, 180) }
```

Border

The CSS property to change the border of an element to YIQ 218.0870, 12.3360, -14.3200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 224, 180) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(221, 224, 180) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(221, 224, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 224, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 224, 180);  
box-shadow:4px 4px 4px 4px rgb(221, 224,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 218.0870, 12.3360, -14.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 224, 180) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(221,  
224, 180) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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